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(54) Title: LOW-PRESSURE GAS DISCHARGE LAMP WITH ALKALINE EARTH CHALCOGENIDES AS ELECTRON Emitter MATERIAL

(57) Abstract: A description is given of a low-pressure gas discharge lamp equipped with a gas discharge vessel containing, as a buffer gas, an inert gas filling and an indium halogenide, thallium halogenide, gallium halogenide and/or copper halogenide, and with electrodes and means for generating and maintaining a low-pressure gas discharge, and which comprises one or more chalcogenides of alkaline earth metals as electron emitter material.